

ENVIRONMENTAL PROTECTION AGENCY
5600 Fishers Lane, Rockville, Maryland 20852

Date: October 15, 1971

Reply to:
Attn of: Federal Sources Branch, DOC

Subject: Compliance Test for Consumat, Model C-125P Incinerator
To: All Applicable Agencies

1. We have received a report prepared by an independent testing concern on the compliance test of the Model C-125P incinerator manufactured by:

Waste Combustion Corporation
Post Office Box 6295
Richmond, Virginia 23230

2. The test results showed that the incinerator met the emission standards in the Code of Federal Regulations (Title 42 CFR Part 76) while burning pathological waste (Type 4).

3. Based on the test results and a comparison of design parameters, it is believed the following incinerators will meet the Federal emission standards while operating at capacities shown below:

MAXIMUM BURNING RATE #/HR

| Model Incinerator | Type 4 Waste | Min. Aux. Heat Input Btu/hr. Primary chamber | Min. Aux. Heat Input Btu/# Secondary chamber |
|----------------------|-----------------|--|--|
| C- 18 P | 50 | 350,000 | 350,000 |
| C- 32 P | 85 | 350,000 | 350,000 |
| C- 75 P | 175 | 700,000 | 700,000 |
| C-120 P | 290 | 1,000,000 | 1,500,000 |
| C-125 P | 350 | 1,400,000 | 1,500,000 |
| C-225 P | 588 | 2,000,000 | 2,000,000 |
| C-325 P | 825 | 2,000,000 | 2,500,000 |
| C-550 P | 1,080 | 4,000,000 | 3,000,000 |
| C-760 P | 1,570 | 6,000,000 | 4,000,000 |

4. Contact the Federal Sources Branch if additional information is required.

F. Winkler

Frederick Winkler, P. E.

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